

**Amendments to the Specification:**

**Replace the title on page 1 with the following new title:**

-- DEFENSIN-ENCODING NUCLEIC ACID MOLECULES DERIVED FROM  
*NICOTIANA ALATA*, USES THEREFOR AND TRANSGENIC PLANTS COMPRISING  
SAME --.

**Replace the paragraph spanning from page 22, line 1 to page 23, line 19  
with the following:**

**Figure 10** is an alignment of the amino acid sequence of the mature domain of NaPdf1 with the amino acid sequences of the mature domain of other members of the plant defensin family. The N-terminal amino acid in the Rs-AFP1, Rs-AFP2, M1, M2A and M2B sequence which is represented by "pQ" is a pyroglutamic acid. The sequences are derived from the following sources:

FST:	Gu <i>et al.</i> (1992; <i>supra</i> ) (SEQ ID NO:25);
TPP3:	Milligan and Gasser (1995; <i>supra</i> ) (SEQ ID NO:26);
p322:	Steikema <i>et al.</i> , <i>Plant Mol. Biol.</i> 11: 255-269, 1988 (SEQ ID NO:27);
PPT:	Karunanandaa <i>et al.</i> (1994; <i>supra</i> ) (SEQ ID NO:28);
SE60:	Choi <i>et al.</i> , <i>Plant Physiology</i> 101: 699-700, 1993; Choi <i>et al.</i> , <i>Mol. Gen. Genet.</i> 246: 266-268, 1995 (SEQ ID NO:29);
$\gamma$ 1-H:	Mendez <i>et al.</i> , <i>Eur. J. Biochem.</i> 194: 533-539, 1990 (SEQ ID NO:30);
M2A, M1 and M2B:	Neumann <i>et al.</i> , <i>Int. J. Protein &amp; Peptide Research</i> 47: 437- 446, 1996 (SEQ ID NO:31, SEQ ID NO:35 and SEQ ID NO:36, respectively);

- ~~PTH-St1~~ Pth-St1: Moreno *et al.*, *Eur. J. Biochem.* 223: 135-139, 1995 (SEQ ID NO:32);
- Rs-AFP1 and Rs-AFP2: Terras *et al.*, *J. Biological Chemistry* 267: 15301-15309, 1992; Terras *et al.*, *FEBS Letters* 316: 233-240, 1993; Terras *et al.*, *Plant Cell* 7: 573-588, 1995; and Fant *et al.*, *The solution structure by <sup>1</sup>H-NMR of Rs-AFP1, a plant antifungal protein from radish seeds*. In: LP Ingman, J Jokissaari, J Lounila (eds), *Abstracts of the 12th European Experimental NMR Conference*, p 247, 1994 (SEQ ID NO:33 and SEQ ID NO:34, respectively);
- $\gamma$ 1-P: Collila *et al.*, *FEBS Letters* 270: 191-194, 1990 (SEQ ID NO:37);
- $\gamma$ 2-P: Collila *et al.*, (1990; *supra*) (SEQ ID NO:38);
- 10kDa: Ishibashi *et al.*, *Plant Mol. Biol.* 15: 59-64, 1992 1990 (SEQ ID NO:39);
- Sl $\alpha$ 2, Sl $\alpha$ 3 and Sl $\alpha$ 1: Bloch and Richardson, *FEBS Letters* 279: 101-104, 1991 and Nitti *et al.*, *Eur. J. Biochem.* 228: 250-256, 1995 (SEQ ID NO:40, SEQ ID NO:41 and SEQ ID NO:43, respectively);
- Dm-AMP2, Ah-AMP1, Hs-AFP1, Dm-AMP1 and Ct-AMP1: Osborn *et al.*, *FEBS Letters* 368: 257-262, 1995 (SEQ ID NO:42, SEQ ID NO:45, SEQ ID NO:46, SEQ ID NO:47 and SEQ ID NO:49, respectively);
- pl230 and P139: Chiang and Hagwiger, *Mol. Plant-Microbe Interact.* 4: 324-331, 1991 (SEQ ID NO:44 and SEQ ID NO:48, respectively);
- NeThio1 and NeThio2: Yamada *et al.*, *Plant Physiology* 115: 314, 1997; (SEQ ID NO:50 and SEQ ID NO:51); and

NpThio1: Komori *et al.*, *Plant Physiology* 115: 314, 1997 (SEQ ID NO:52).

**Replace the paragraph starting on page 71, line 27 with the following:**

The 47 amino acids constituting the mature central domain of the NaPdf1 protein (SEQ ID NO:8) were also aligned with the corresponding amino acid sequences of the mature domains of other members of the plant defensin family (SEQ ID NO:25 to SEQ ID NO:49). Alignment was carried out using the computerized algorithm of ClustalW ([http://pbil.ibcp.fr/cgi-bin/npsa\\_automat.pl?page=/NPSA/npsa\\_clustalw.html](http://pbil.ibcp.fr/cgi-bin/npsa_automat.pl?page=/NPSA/npsa_clustalw.html)). The results are set forth in Figure 10. For details of the relevant references from which each sequence was obtained, and for their individual sequence identifiers, refer to the figure legend.

**Replace the abstract on page 104 with the following.**

-- The present invention provides nucleic acid molecules derived from *Nicotiana glauca*, which encode defensin-like molecules. The present invention contemplates the use of such nucleic acid molecules in the generation of transgenic plants having resistance or at least reduced sensitivity to plant pests including insects, microorganisms, fungi and/or viruses. The transgenic plants provided by the present invention include monocotyledonous and dicotyledonous plants, and particularly include crop plants and ornamental flowering plants. --